

## ROADWAY CADD USERS GROUP MEETING

5/2/2005 2:00 PM – 4:00 PM

### OPENING OF MEETING AND INTRODUCTIONS (Mike Tyndall)

1. Review of Tentative Project Rep list and acknowledgement of guests.
2. The group is to meet once a month or when deemed necessary

### HYDRO ISSUES (Bill Elam)

1. Bridge Reports and Level Symbology for Construction Limits
  - hydro can not edit roadway slope stake lines to show true limits of embankment under bridges
  - group resolved to stop slope stakes at the first even station before and after the bridge
2. Hydro is now submitting a half sized set of our plans for acquiring permits
  - Currently, Hydro is overwriting our stream opening in the profile to show true existing ground below the bridge
  - Group suggested cutting existing ground using a smaller increment (5 ft or so) to get a better representation of the existing ground in this area, but cutting smaller increments still wont get the true ground line. Also Hydro does their own survey so this idea was dismissed.
  - Hydro may start to ask L & S for better surveys within the stream area
3. Hydro needs to be able to turn off the sketch showing the relation of the bridge to the road in our plan before submitting plans for permits
  - The group decided to place this sketch on the plan sheet (*psh* file instead of in the *dsn* file. The group had several questions for hydro and it was decided that the first 30 min. of the next meeting would be used to discuss those issues

### GROUP FOCUS (Mike Tyndall)

1. Each Roadway CADD User's Group Rep should act as a resource for others users in their group. When the Rep is not able to solve problems then the problem should be presented to Roadway CADD Support Squad.
2. Roadway CADD User's Group Reps were asked to test out the video tutorials on the S drive and offer feed back to the Roadway CADD Support Squad. These tutorials will be available for assisting users on new V8 tools and other tasks.
3. The new Roadway Web site will soon be available and will include notification for user updates and other helpful tools.
4. Training class will soon be available again for users. This will include Microstation and Geopak classes. Other classes will be available through the IT section. There will also be classes in Iplot Organizer, Hearing Map Preparation, and PDF creation
5. V7 is no longer available, (with a few exceptions) and everyone should be fully using V8
6. The group was reminded to update workspaces daily.
7. Other resources discussed included Microstation and Geopak on-line help, the online Roadway Design Manual and generic computer training now available

### ROADWAY CADD STANDARDS (Oak Thammavong)

1. Naming conventions and folder structure. Users should not be creating folders outside of the standard folders created by Roadway CADD Support Squad.
2. Standard convention should be used when naming design files (use design File generator) and should reside in the appropriate folder. Only cogo input files should reside in the INP directory etc.

3. When cutting cross section use the xscRD\_ExistingGroundLine.xsd file to help populate the surfaces dialog box.  
(See C:\NCDOT\_V8\_WORKSPACE\ROADWAY\_STDS\Standards\Geopak\xsc)
4. Users were also reminded of the location of the new V8 criteria files and how to use the Cross section sheet composition tool.

#### Q & A

1. Level Symbology Chart to be available by the end of May.
2. Reference files
3. Nesting
4. Wetland files from PDEA

#### *ISSUES NEEDING FURTHER DISCUSSION AMONG UNITS*

Slope Stake line design by Roadway Unit to terminate at nearest even xsc station that exceeds 50' from approach slab at both ends of bridge.

Existing Ground Profile by Roadway Unit to terminate the same as above for slope stake lines.

#### *NEXT MEETING*

Mike Tyndall will schedule the next meeting around the first week of June 2005.

Discussion on common problems/concerns from Roadway CADD Users throughout the Unit. Please keep in mind that our focus is CADD use for preparing plans.

Roadway CADD User's Group Reps to submit suggested topics for upcoming Roadway CADD Support Training Classes.